

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

Product identifier**Product name:** Piccotac(TM) 1020 Hydrocarbon Resin**Product No.:** EAN 800045. P7500500**Synonyms, Trade Names:** 75005-00**Relevant identified uses of the substance or mixture and uses advised against****Identified uses:** Adhesive**Uses advised against:** None known.**Details of the supplier of the safety data sheet****Manufacturer / Supplier**Eastman Chemical Company
200 South Wilcox Drive
Kingsport, TN 37660-5280 US
+14232292000Visit our website at www.EASTMAN.com or email emnmsds@eastman.com**Emergency telephone number:**

For emergency health, safety, and environmental information, call 1-423-229-4511 or 1-423-229-2000.

For emergency transportation information, in the United States: call CHEMTREC at 800-424-9300 or call 423-229-2000.

SECTION 2: Hazards identification

Hazard classification: The product has not been classified as hazardous according to the legislation in force.**OSHA Specified Hazards:** not applicable**Hazard(s) not otherwise classified (HNOC):** None known.

SECTION 3: Composition/information on ingredients

Substances / Mixtures**General information:**

Chemical name	Concentration	Additional identification	Notes
liquid aliphatic hydrocarbon resin	>50 - <60%	CAS-No.: proprietary	
white mineral oil	>40 - <50%	CAS-No.: 8042-47-5	#
modifiers/additives	<1%	CAS-No.: not applicable	

* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.
This substance has workplace exposure limit(s).

SECTION 4: First aid measures

Description of first aid measures

Inhalation:	Move to fresh air. Treat symptomatically. Get medical attention if symptoms persist.
Eye contact:	Any material that contacts the eye should be washed out immediately with water. If easy to do, remove contact lenses. Get medical attention if symptoms persist. If molten material contacts the eye, immediately flush with plenty of water for at least 15 minutes. Get medical attention immediately.
Skin contact:	Wash with soap and water. Get medical attention if symptoms occur. If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water, and see a physician for removal of adhering material and treatment of burn. Get medical attention.
Ingestion:	Seek medical advice. Material is not expected to be absorbed from the gastrointestinal tract so that induction of vomiting should not be necessary.
Most important symptoms and effects, both acute and delayed:	Burns should be treated as thermal burns. The material will come off as healing occurs; therefore, immediate removal from the skin is not necessary.

Indication of any immediate medical attention and special treatment needed

Hazards:	Contact with molten substance/product may cause severe burns to skin and eyes.
Treatment:	Treat symptomatically.

SECTION 5: Firefighting measures

General fire hazards:	None known.
Extinguishing media	
Suitable extinguishing media:	Water spray. Dry chemical. Carbon Dioxide. Foam.
Unsuitable extinguishing media:	None known.
Special hazards arising from the substance or mixture:	None known.
Advice for firefighters	
Special fire fighting procedures:	None known.
Special protective equipment for fire-fighters:	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

**Personal precautions,
protective equipment and
emergency procedures:**

Wear appropriate personal protective equipment.

Environmental precautions:

Not regarded as dangerous for the environment.

**Methods and material for
containment and cleaning
up:**

Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.

Notification Procedures:

In the event of a spill or accidental release, notify relevant authorities in accordance with all applicable regulations.

SECTION 7: Handling and storage:**Precautions for safe handling:**

Avoid contact with molten material.

**Conditions for safe storage,
including any
incompatibilities:**

Keep container closed.

Specific end use(s):

Adhesive

SECTION 8: Exposure controls/personal protection**Control parameters****Occupational exposure limits**

Country specific exposure limits have not been established or are not applicable unless listed below.

Chemical name	Type	Exposure Limit values	Source
white mineral oil - Inhalable fraction.	TWA	5 mg/m ³	US. ACGIH Threshold Limit Values (01 2010)
white mineral oil - Mist.	PEL	5 mg/m ³	US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000) (02 2006)

Exposure controls**Appropriate engineering
controls:**

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Individual protection measures, such as personal protective equipment**General information:**

Eye bath. Washing facilities.

Eye/face protection:

It is a good industrial hygiene practice to minimize eye contact. Wear a face shield when working with molten material.

Skin protection**Hand protection:**

It is a good industrial hygiene practice to minimize skin contact. When material is heated, wear gloves to protect against thermal burns.

Other:

No data available.

Respiratory Protection:

If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn. In the United States of America, if respirators are used, a program should be instituted to assure compliance with OSHA Standard 63 FR 1152, January 8, 1998. Respirator type: Air-purifying respirator with an appropriate, government approved (where applicable), air-purifying filter, cartridge or canister. Contact health and safety professional or manufacturer for specific information.

Hygiene measures:

Observe good industrial hygiene practices.

Environmental Controls:

No data available.

SECTION 9: Physical and chemical properties**Information on basic physical and chemical properties****Appearance****Physical State:**

Liquid

Form:

Viscous Liquid

Color:

light amber

Odor:

hydrocarbon

Odor Threshold:

Not determined.

pH:

No data available.

Melting Point

No data available.

Boiling Point:

No data available.

Flash Point:

252 °C (Cleveland open cup)

Evaporation Rate:

Not determined.

Flammability (solid, gas):

No data available.

Flammability Limit - Upper (%)—:

No data available.

Flammability Limit - Lower (%)—:

No data available.

Vapor pressure:

Not determined.

Vapor density (air=1):

No data available.

Specific Gravity:

Not available.

Solubility(ies)**Solubility in Water:**

Negligible

Solubility (other):

No data available.

Partition coefficient (n-octanol/water):

No data available.

Autoignition Temperature:

No data available.

Decomposition Temperature:

(DSC) No exotherm to 450°C

Dynamic Viscosity:

No data available.

Kinematic viscosity:

32,967 mm²/s (30 °C)

Explosive properties:

No data available.

Oxidizing properties:

No data available.

SECTION 10: Stability and reactivity

Reactivity:	None known.
Chemical stability:	Stable
Possibility of hazardous reactions:	None known.
Conditions to avoid:	None at ambient temperatures.
Incompatible materials:	Strong oxidizing agents.
Hazardous decomposition products:	Carbon Dioxide. Carbon Monoxide.

SECTION 11: Toxicological information**Information on likely routes of exposure**

Inhalation:	None known.
Ingestion:	None known.
Skin contact:	Molten material will produce thermal burns.
Eye contact:	Molten material will produce thermal burns.

Information on toxicological effects**Acute Toxicity****Oral**

Product:	No data available.
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Specified substance(s)

liquid aliphatic hydrocarbon resin	No data available.
white mineral oil	Oral LD-50: (Rat): > 5,000 mg/kg
modifiers/additives	No data available.

Dermal

Product:	No data available.
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Specified substance(s)

liquid aliphatic hydrocarbon resin	No data available.
white mineral oil	Dermal LD-50: (Rabbit): > 2,000 mg/kg
modifiers/additives	No data available.

Inhalation

Product:	No data available.
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Specified substance(s)

liquid aliphatic hydrocarbon resin	No data available.
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white mineral oil
modifiers/additivesLC50 (Rat, 4 h): > 5 mg/l
No data available.**Repeated dose toxicity****Product:**

No data available.

Specified substance(s)liquid aliphatic hydrocarbon
resin

No data available.

white mineral oil
modifiers/additivesNOAEL (Rat, Oral Study): >= 1,200 mg/kg
No data available.**Skin corrosion/irritation:****Product:**

No data available.

Specified substance(s)liquid aliphatic hydrocarbon
resin

No data available.

white mineral oil
modifiers/additives(Rabbit, 24 h): none
No data available.**Serious eye damage/eye
irritation:****Product:**

No data available.

Specified substance(s)liquid aliphatic hydrocarbon
resin

No data available.

white mineral oil
modifiers/additives(Rabbit, 24 h): none
No data available.**Respiratory or skin
sensitization:****Product:**

No data available.

Specified substance(s)liquid aliphatic hydrocarbon
resin

No data available.

white mineral oil
modifiers/additivesNo data available.
No data available.**Mutagenicity****In vitro****Product:**

No data available.

Specified substance(s)liquid aliphatic hydrocarbon
resin

No data available.

white mineral oil
modifiers/additivesMutagenicity - Bacterial, Bacterial Reverse Mutation Assay : negative +/- activation
No data available.**In vivo****Product:**

No data available.

Specified substance(s)liquid aliphatic hydrocarbon
resin

No data available.

white mineral oil

Chromosomal aberration (Mammalian Bone Marrow Chromosome Aberration Test)
(Rat): negative

modifiers/additives

No data available.

Carcinogenicity**Product:**

No data available.

Specified substance(s)liquid aliphatic hydrocarbon
resin

No data available.

white mineral oil

Not classified

modifiers/additives

No data available.

Reproductive toxicity**Product:**

No data available.

Specified substance(s)liquid aliphatic hydrocarbon
resin

No data available.

white mineral oil

Not classified

modifiers/additives

No data available.

Specific target organ toxicity - single exposure**Product:**

No data available.

Specified substance(s)liquid aliphatic hydrocarbon
resin

No data available.

white mineral oil

Not classified

modifiers/additives

No data available.

Specific target organ toxicity - repeated exposure**Product:**

No data available.

Specified substance(s)liquid aliphatic hydrocarbon
resin

No data available.

white mineral oil

Not classified

modifiers/additives

No data available.

Aspiration hazard**Product:**

No data available.

Specified substance(s)liquid aliphatic hydrocarbon
resin

No data available.

white mineral oil

No data available.

modifiers/additives

No data available.

Other adverse effects:

No data available.

SECTION 12: Ecological information**Toxicity****Acute toxicity****Fish****Product:**

No data available.

Specified substance(s)

liquid aliphatic hydrocarbon resin	No data available.
white mineral oil	LL50 (Bluegill Sunfish, 96 h): > 100 mg/l
modifiers/additives	No data available.

Aquatic invertebrates

Product: No data available.

Specified substance(s)

liquid aliphatic hydrocarbon resin	No data available.
white mineral oil	LL50 (Water Flea, 48 h): > 100 mg/l
modifiers/additives	No data available.

Chronic Toxicity**Fish**

Product: No data available.

Specified substance(s)

liquid aliphatic hydrocarbon resin	No data available.
white mineral oil	No data available.
modifiers/additives	No data available.

Aquatic invertebrates

Product: No data available.

Specified substance(s)

liquid aliphatic hydrocarbon resin	No data available.
white mineral oil	No data available.
modifiers/additives	No data available.

Toxicity to Aquatic Plants

Product: No data available.

Specified substance(s)

liquid aliphatic hydrocarbon resin	No data available.
white mineral oil	LOEC (Algae (Pseudokirchneriella subcapitata), 72 h): >= 100 mg/l
modifiers/additives	No data available.

Persistence and degradability**Biodegradation**

Product: No data available.

Specified substance(s)

liquid aliphatic hydrocarbon resin	No data available.
white mineral oil	No data available.
modifiers/additives	No data available.

Biological Oxygen Demand:

Product No data available.

Specified substance(s)

liquid aliphatic hydrocarbon resin	No data available.
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white mineral oil No data available.
modifiers/additives No data available.

Chemical Oxygen Demand:

Product No data available.

Specified substance(s)

liquid aliphatic hydrocarbon resin No data available.
white mineral oil No data available.
modifiers/additives No data available.

BOD/COD ratio

Product No data available.

Specified substance(s)

liquid aliphatic hydrocarbon resin No data available.
white mineral oil No data available.
modifiers/additives No data available.

Bioaccumulative potential

Product: No data available.

Specified substance(s)

liquid aliphatic hydrocarbon resin No data available.
white mineral oil No data available.
modifiers/additives No data available.

Mobility in soil: No data available.

Known or predicted distribution to environmental compartments

liquid aliphatic hydrocarbon resin No data available.
white mineral oil No data available.
modifiers/additives No data available.

Results of PBT and vPvB assessment: No data available.

liquid aliphatic hydrocarbon resin No data available.
white mineral oil No data available.
modifiers/additives No data available.

Other adverse effects: No data available.

SECTION 13: Disposal considerations**Waste treatment methods**

General information: No data available.

Disposal methods: Dispose of waste and residues in accordance with local authority requirements. Incinerate.

SECTION 14: Transport information

Important Note: Shipping descriptions may vary based on mode of transport, quantities, package size, and/or origin and destination. Consult your company's Hazardous Materials/Dangerous Goods expert for information specific to your situation.

DOT

Class 9, Packing Group III when liquid is offered for transport or is transported, in bulk packaging, at or above 100°C and below its flash point; otherwise, not regulated.

Possible Shipping Description(s):

UN 3257 Elevated temperature liquid, n.o.s. (molten resin) 9 III

IMDG - International Maritime Dangerous Goods Code

Class 9, Packing Group III when liquid is offered for transport or is transported at or above 100°C and below its flash point; otherwise, not regulated.

Possible Shipping Description(s):

UN 3257 ELEVATED TEMPERATURE LIQUID, N.O.S. (molten resin) 9 III

IATA

Class Solid forms of this product are not regulated. Forbidden on aircraft if transported molten in bulk at temperatures equal to or exceeding 100 C (212 F).

SECTION 15: Regulatory information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and the MSDS contains all the information required by the Controlled Products Regulations.

WHMIS (Canada) Status: noncontrolled

US EPCRA (SARA Title III) Section 313 - Toxic Chemical List

NONE

OSHA: nonhazardous

TSCA (US Toxic Substances Control Act): All components of this product are listed on the TSCA inventory. Any impurities present in this product are exempt from listing.

MITI (Japanese Handbook of Existing and New Chemical Substances): All components of this product are listed in the Handbook or have been approved in Japan by new substance notification.

ECL (Korean Toxic Substances Control Act): All components of this product are listed on the Korean inventory or otherwise comply with the Korean Toxic Substances Control Act.

Inventory of Existing Chemical Substances in China: All components of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC).

SECTION 16: Other information

HMIS® Hazard Ratings: Health - 1, Flammability - 1, Chemical Reactivity - 0

HMIS® rating involves data interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

Revision Information: Not relevant.

Key literature references and sources for data: No data available.

Training information: No data available.

Regulation (EC) No. 1272/2008

Issue date: 10/31/2014

SDS No.:

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.